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American Petroleum Institute
1220 L Street, NW
Washington, DC 20005

Weekly Statistical Bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

Vol: 75 No: 38 For Week Ending: September 23, 1994

SUMMARY

(In Thousands of 42-gallon barrels per day, except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data received from reporting companies)

	Current Week Ending: 09/23/94	Last Week Ending: 09/16/94	Last Year Week Ending: 09/24/93	Change from Last Week	Change from Last Year
REFINERY OPERATIONS					
Input to Crude Distillation	14,206	14,241	14,134	-35	72
Operable Capacity	15,175	15,175	15,145	0	30
Percent Operated	93.6	93.8	93.3		
MOTOR GASOLINE					
Total Motor Gasoline Production	7,360	7,381	7,841	-21	-481
Total Motor Gasoline Stocks	209,580	211,072	207,566	-1,492	2,014
Total Finished Gasoline Stocks	171,038	173,199	170,024	-2,161	1,014
Blending Components Stocks	38,542	37,873	37,542	669	1,000
JET KEROSINE					
Total Jet Kerosine Production	1,421	1,438	1,346	-17	75
Total Jet Kerosine Stocks	43,415	43,413	38,871	2	4,544
DISTILLATE FUEL OIL					
Total Distillate Production	3,350	3,308	3,247	42	103
Total Distillate Stocks	142,090	142,496	129,366	-406	12,724
RESIDUAL FUEL OIL					
Total Residual Fuel Production	778	874	763	-96	15
Total Residual Fuel Stocks	40,506	41,505	42,793	-999	-2,287
IMPORTS					
Crude Oil Imports	7,057	8,356	6,457	-1,299	600
Product Imports	1,722	1,676	1,945	46	-223
CRUDE OIL STOCKS	328,025	321,446	327,458	6,579	567
CRUDE SUPPLY BALANCE	1,503				

See Definitional Notes on Page 6.

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U.S. REFINERY OPERATIONS

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	Percent Operated
East Coast	1,552	1,391	1,401	1,448	96.8
Appal. No. 1	100	100	100	105	95.2
PADD 1 TOTAL	1,652	1,491	1,501	1,553	96.7
Week Ago	1,485	1,324	1,324	1,553	85.3
Year Ago	1,685	1,440	1,450	1,551	93.5
IN, IL, KY	2,273	2,175	2,259	2,276	99.3
MN, WI, ND, SD	317	300	300	378	79.4
OK, KS, MO	756	684	684	684	100.0
PADD 2 TOTAL	3,346	3,159	3,243	3,338	97.2
Week Ago	3,408	3,245	3,358	3,338	100.6
Year Ago	3,570	3,297	3,348	3,421	97.9
Inland TX	625	572	572	572	100.0
TX Gulf Coast	3,514	3,079	3,079	3,293	93.5
LA Gulf Coast	2,757	2,539	2,577	2,673	96.4
N. LA and AR	200	191	191	221	86.4
NM	103	95	95	95	100.0
PADD 3 TOTAL	7,199	6,476	6,514	6,954	95.0
Week Ago	7,186	6,512	6,539	6,854	95.4
Year Ago	6,996	6,050	6,203	6,758	91.8
PADD 4 TOTAL	504	489	494	510	96.9
Week Ago	509	493	499	510	97.8
Year Ago	496	471	478	519	92.1
PADD 5 TOTAL	2,619	2,419	2,454	2,920	84.0
Week Ago	2,583	2,492	2,521	2,920	86.3
Year Ago	2,708	2,626	2,655	2,896	91.7
U.S. TOTAL	15,320	14,034	14,206	15,175	93.6
Week Ago	15,171	14,066	14,241	15,175	93.8
Year Ago	15,455	13,884	14,134	15,145	93.3

See Definitional Notes on Page 6.

U.S. REFINERY OUTPUT

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Finished Motor Gasoline				Naphtha Jet Fuel	Kerosine Jet Fuel			Distillate Fuel			Residual Fuel
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Total	Commerc'l Spec	Military Spec	Total	<=.05% sulfur	>.05% sulfur	
East Coast	666	188	—	478	—	88	88	—	425	74	351	146
Appal. No. 1	40	—	—	40	—	1	1	—	28	7	21	3
PADD 1 TOTAL	706	188	—	518	—	89	89	—	453	81	372	149
Week Ago	702	144	—	558	—	71	71	—	337	131	206	163
Year Ago	888	355	—	533	20	87	81	6	434	217	217	104
IN, IL, KY	1,208	376	—	832	3	126	126	—	537	337	200	62
MN, WI, ND, SD	144	55	—	89	—	19	19	—	81	73	8	9
OK, KS, MO	415	168	—	247	5	37	37	—	200	176	24	7
PADD 2 TOTAL	1,767	599	—	1,168	8	182	182	—	818	586	232	78
Week Ago	1,727	570	—	1,157	6	234	230	4	841	545	296	80
Year Ago	1,979	562	—	1,417	8	208	204	4	843	343	500	61
Inland TX	331	20	—	311	—	64	38	26	134	87	47	14
TX Gulf Coast	1,622	171	—	1,451	2	335	308	27	721	446	275	199
LA Gulf Coast	1,270	95	—	1,175	18	349	288	61	569	219	350	139
N. LA and AR	47	—	—	47	2	9	7	2	56	35	21	12
NM	63	2	—	61	2	7	—	7	22	22	—	1
PADD 3 TOTAL	3,333	288	—	3,045	24	764	641	123	1,502	809	693	365
Week Ago	3,402	240	—	3,162	22	747	625	122	1,575	786	789	368
Year Ago	3,328	352	—	2,976	39	671	622	49	1,374	688	686	367
PADD 4 TOTAL	237	10	—	227	2	26	26	—	128	118	10	7
Week Ago	251	10	—	241	12	20	20	—	129	117	12	7
Year Ago	255	10	—	245	12	21	21	—	133	62	71	11
PADD 5 TOTAL	1,317	379	—	938	5	360	318	42	449	368	81	179
Week Ago	1,299	258	—	1,041	12	366	306	60	426	369	57	256
Year Ago	1,391	435	—	956	5	359	296	63	463	194	269	220
U.S. TOTAL	7,360	1,464	—	5,896	39	1,421	1,256	165	3,350	1,962	1,388	778
Week Ago	7,381	1,222	—	6,159	52	1,438	1,252	186	3,308	1,948	1,360	874
Year Ago	7,841	1,714	—	6,127	84	1,346	1,224	122	3,247	1,504	1,743	763

See Definitional Notes on Page 6.

STOCKS OF SELECTED PRODUCTS
(in thousands of 42-gallon barrels)

DISTRICT	Motor Gasoline						Jet Fuel		Distillate Fuel			Residual Fuel	Unfinished Oils
	Total	Finished Motor Gasoline				Blending Components	Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%		
		Total Finished	Finished Oxygen'd	Finished Reform'd	Other Finished								
New England	4,855	4,594	191	—	4,403	261	—	845	14,726	2,625	12,101	1,894	—
Central Atlantic	26,390	22,370	3,471	—	18,899	4,020	63	5,607	37,887	11,945	25,942	13,492	9,120
Lower Atlantic	23,729	23,476	1,809	—	21,667	253	81	5,739	13,595	7,371	6,224	1,898	307
PADD 1 TOTAL	54,974	50,440	5,471	—	44,969	4,534	144	12,191	66,208	21,941	44,267	17,284	9,427
Week Ago	56,012	51,178	4,471	—	46,707	4,834	146	12,475	65,440	20,997	44,443	17,074	8,963
Year Ago	56,106	51,105	6,960	—	44,145	5,001	382	9,224	63,265	24,174	39,091	16,418	13,118
PADD 2 TOTAL	56,850	48,397	1,268	—	47,129	8,453	423	7,574	33,459	22,520	10,939	2,943	15,906
Week Ago	57,470	48,983	1,338	—	47,645	8,487	379	7,649	33,800	22,885	10,915	2,813	15,893
Year Ago	54,645	46,220	1,170	—	45,050	8,425	701	8,042	27,689	12,948	14,741	2,630	15,622
PADD 3 TOTAL	63,531	46,567	3,950	—	42,617	16,964	274	15,362	28,456	13,175	15,281	14,492	48,441
Week Ago	63,667	47,424	2,781	—	44,643	16,243	320	15,357	28,915	14,148	14,767	14,734	47,929
Year Ago	63,996	47,979	4,144	—	43,835	16,017	1,164	14,223	26,513	12,976	13,537	15,211	49,287
PADD 4 TOTAL	5,709	4,112	116	—	3,996	1,597	213	696	2,930	2,700	230	331	2,133
Week Ago	5,742	4,258	74	—	4,184	1,484	216	609	2,813	2,558	255	296	1,918
Year Ago	5,189	3,885	120	—	3,765	1,304	233	447	2,413	1,208	1,205	366	2,649
PADD 5 TOTAL	28,516	21,522	3,298	—	18,224	6,994	389	7,592	11,037	7,555	3,482	5,456	20,677
Week Ago	28,181	21,356	1,708	—	19,648	6,825	126	7,323	11,528	7,732	3,796	6,588	20,870
Year Ago	27,630	20,835	4,007	—	16,828	6,795	825	6,935	9,486	5,605	3,881	8,168	22,444
U.S. TOTAL	209,580	171,038	14,103	—	156,935	38,542	1,443	43,415	142,090	67,891	74,199	40,506	96,584
Week Ago	211,072	173,199	10,372	—	162,827	37,873	1,187	43,413	142,496	68,320	74,176	41,505	95,573
Year Ago	207,566	170,024	16,401	—	153,623	37,542	3,305	38,871	129,366	56,911	72,455	42,793	103,120

See Definitional Notes on Page 6.

PRODUCTION AND IMPORTS OF CRUDE OIL (INCLUDING LEASE CONDENSATE)

(daily averages in thousands of 42-gallon barrels)

DISTRICT	Estimated Crude Oil Production	Crude Oil Imports	
		Total	Canadian
PADDs 1-4			
Week Ended: September 23, 1994	4,149.0	6,772	842
Week Ended: September 16, 1994	4,149.0	7,869	808
Week Ended: September 9, 1994	4,149.0	7,037	940
Week Ended: September 24, 1993	4,314.0	6,150	1,111
DOE latest (04/94):	4,127.0		
PADD 5			
Week Ended: September 23, 1994	2,374.0	285	101
Week Ended: September 16, 1994	2,374.0	487	125
Week Ended: September 9, 1994	2,374.0	100	46
Week Ended: September 24, 1993	2,481.0	307	108
DOE latest (04/94):	2,417.0		
TOTAL U.S.			
Week Ended: September 23, 1994	6,523.0	7,057	943
Week Ended: September 16, 1994	6,523.0	8,356	933
Week Ended: September 9, 1994	6,523.0	7,137	986
Week Ended: September 24, 1993	6,795.0	6,457	1,219
DOE monthly - year ago	6,712.0		
DOE latest (04/94):	6,544.0		

CRUDE OIL STOCKS BY LOCATION

(in thousands of 42-gallon barrels)

	PADD 1	PADD 2	PADD 3	PADD 4	PADD 5 TOTAL	PADD 5 ALASKAN IN TRANSIT BY WATER	TOTAL
Current Week	16,709	69,631	165,870	10,468	65,347	17,616	328,025
Week Ago	17,170	68,314	163,609	10,079	62,274	15,271	321,446
Year Ago	15,534	74,654	164,512	11,263	61,495	13,258	327,458

Daily Average Crude Oil Supply Balance (in Thousands of 42-gallon barrels)	
Current Week:	1,503
1993 Average:	258
1993 Positive Average:	736
1993 Negative Average:	-597

See Definitional Notes on Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Motor Gasoline				Blending Components	Jet Fuel		Distillate Fuel			Residual Fuel	LPGs	Unfinished Oils	Other	Total
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%					
New England	108	—	—	108	—	—	7	46	7	39	38	—	—	—	199
Central Atlantic	19	14	—	5	21	—	30	69	42	27	20	5	79	83	326
Lower Atlantic	163	—	—	163	—	—	15	52	37	15	175	—	—	—	405
PADD 1 TOTAL	290	14	—	276	21	—	52	167	86	81	233	5	79	83	930
week ago	194	—	—	194	44	—	96	225	62	163	119	1	9	57	745
4 Week averages															
avg - current 4 weeks	326	4	—	322	27	9	86	193	71	122	247	2	78	80	1,048
avg - year ago 4 weeks	212	—	—	212	28	7	40	148	73	75	326	21	97	52	931
PADDs 2-4 TOTAL	51	51	—	—	—	35	—	5	3	2	10	207	183	236	727
week ago	11	—	—	11	—	—	—	6	3	3	7	151	449	226	850
4 Week averages															
avg - current 4 weeks	28	13	—	15	—	9	—	6	3	3	11	191	353	203	801
avg - year ago 4 weeks	—	—	—	—	18	6	—	7	—	7	36	189	285	197	738
PADD 5 TOTAL	1	—	—	1	—	—	2	1	—	1	—	2	55	4	65
week ago	4	—	—	4	—	—	4	1	—	1	—	2	54	16	81
4 Week averages															
avg - current 4 weeks	2	—	—	2	—	—	4	1	—	1	—	5	58	9	79
avg - year ago 4 weeks	14	—	—	14	—	—	8	2	—	2	25	3	1	7	60
U.S. TOTAL	342	65	—	277	21	35	54	173	89	84	243	214	317	323	1,722
week ago	209	—	—	209	44	—	100	232	65	167	126	154	512	299	1,676
4 Week averages															
avg - current 4 weeks	355	16	—	339	27	17	90	198	73	125	257	197	489	292	1,922
avg - year ago 4 weeks	226	—	—	226	46	13	49	157	73	84	387	213	383	255	1,729

See Definitional Notes on Page 6.

DEFINITIONAL NOTES FOR API'S *WEEKLY STATISTICAL BULLETIN*

GENERAL NOTES

Data published in the *Weekly Statistical Bulletin* are estimates made by API's Finance, Accounting and Statistics Department, based on data collected from reporting companies.

Data are for the week ended 7 a.m. Friday. For purposes of monthly aggregation of imports and refinery activities, and for monthly interpolation of inventories, the API treats 7 a.m. Friday as midnight Thursday.

The *Bulletin* classifies U.S. territories (i.e. Puerto Rico, Virgin Islands, Guam etc.) as foreign entities.

Definitions used by the API throughout the *Weekly Statistical Bulletin* are the same as those used by the Energy Information Administration of the Department of Energy in their *Petroleum Supply Monthly* and *Petroleum Supply Annual* publications.

Data for the corresponding week of the last year are from the published *Bulletin* for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE/EIA's *Petroleum Supply Annual*.

NOTES ON INVENTORIES

Inventory figures published in this report are those held in primary storage (i.e., at refineries, bulk terminals and in pipelines). They represent API estimates of inventories available for current shipment as well as those not available, such as stocks held in tank bottoms, pipeline fill, and in other equipment to assure continuous operations.

Stocks of oxygenated, reformulated, and other gasoline represent *finished* motor gasoline located at refineries, bulk terminals and pipelines. Motor gasoline blending components (i.e. straight run gasolines, alkylate, and reformate) are categorized separately, but are included in the total motor gasoline stock figure. Stocks of unblended oxygenates (such as MTBE and ethanol) are not included in this report. Oxygenates are reflected in the API numbers only to the extent they have been blended into finished product. The API publishes a separate weekly report on production and inventories of oxygenates on Thursdays.

NOTE ON CRUDE OIL PRODUCTION

Estimates of monthly crude oil production (including lease condensate production) are made by API the first week of the month. These estimates are generally held constant throughout the month, but may be revised at a subsequent date as more current information is received.

NOTE ON IMPORTS

Imports of crude oil and refined products include crude produced and product refined outside the 50 states and the District of Columbia. Shipments from U.S. territories such as the Virgin Islands and Puerto Rico are considered imports. Also, API classifies all withdrawals from bonded storage as imports. Geographical detail is based on port of entry basis, and timing is considered to be the time a shipment clears customs.

NOTE ON CRUDE STOCKS

Crude oil stocks include stocks on leases, but do not include stocks held in the Strategic Petroleum Reserve.

NOTE ON CRUDE SUPPLY BALANCE

The Crude Supply Balance is the arithmetic difference (in MB/D) between those factors that make up crude supply (i.e. domestic production plus imports plus stock draws) and those that make up crude demand (i.e. crude runs plus exports plus crude used directly plus crude losses). A negative volume, for example, indicates a supply greater than disposition, while a positive volume indicates the opposite.

NOTES ON GEOGRAPHICAL DETAIL

Petroleum Administration for Defense (PAD) districts provide the most oft-cited basis for regional supply and disposition statistics. Generally speaking, District 1 includes the East Coast states, District 2 the Midwest, District 3 the Gulf Coast (including Texas and New Mexico), District 4 the Rocky Mountain states, and District 5 the West Coast (including Alaska and Hawaii). More specific information on which states are included in which PAD districts is available from DOE or API.

API publishes refinery inputs and production data at a sub-PAD level for Districts 1, 2, and 3. The composition of these sub-Districts are easily determined by their titles. For product inventories and imports, API publishes data at a sub-PAD level for District 1 (which is different from the District 1 breakdown provided for refinery activities). For the purposes of inventories and imports, District 1 is dissected into the following three areas:

1)	New England	ME, NH, VT, MA, RI, and CT
2)	Central Atlantic	NY, NJ, PA, DE, MD, and DC
3)	Lower Atlantic	VA, WV, NC, SC, GA, and FL